

L #	Hits	Search Text	DBs	Time Stamp
1	L1 2	"9627670"	USPA T; EPO; JPO; DERW ENT	2001/11/0 2 17:31
2	L6 1	(rfbk and rfbm) or (manc and manb)	USPA T; EPO; JPO; DERW ENT	2001/11/0 2 17:36
3	L11 0	GDP adj mannose adj phosphorylase	USPA T; EPO; JPO; DERW ENT	2001/11/0 2 17:36
4	L16 7	GDP adj mannose adj pyrophosphorylase	USPA T; EPO; JPO; DERW ENT	2001/11/0 2 17:39
5	L21 2	l16 and phosphomannomutase	USPA T; EPO; JPO; DERW ENT	2001/11/0 2 17:39

**IUBMB Enzyme Nomenclature****EC 2.7.7.22**

**Recommended name:** mannose-1-phosphate guanylyltransferase (GDP)

**Reaction:** GDP + D-mannose 1-phosphate = phosphate + GDP mannose

**Other name(s):** GDP mannose phosphorylase; mannose 1-phosphate (guanosine diphosphate) guanylyltransferase; GDP mannose phosphorylase; GDP-mannose 1-phosphate guanylyltransferase; guanosine diphosphate-mannose 1-phosphate guanylyltransferase; guanosine diphosphomannose phosphorylase; mannose 1-phosphate guanylyltransferase

**Systematic name:** GDP:D-mannose-1-phosphate guanylyltransferase

**Links to other databases:** [BRENDA](#), [EXPASY](#), [KEGG](#), [WIT](#), CAS registry number: 9026-31-7

**References:**

1. Carminatti, H. and Cabib, E. Phosphorolysis of the pyrophosphate bond of some nucleotides. *Biochim. Biophys. Acta* 53 (1961) 417-419.

[EC 2.7.7.22 created 1965, modified 1976]

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Man C

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**IUBMB Enzyme Nomenclature****EC 5.4.2.8**

**Recommended name:** phosphomannomutase

**Reaction:** D-mannose 1-phosphate = D-mannose 6-phosphate

**Other name(s):** mannose phosphomutase; phosphomannose mutase

**Systematic name:** D-mannose 1,6-phosphomutase

**Comments:** D-Mannose 1,6-bisphosphate or D-glucose 1,6-bisphosphate can act as cofactor.  
Formerly EC 2.7.5.7.

**Links to other databases:** [BRENDA](#), [EXPASY](#), [GTD](#), [KEGG](#), [WIT](#), CAS registry number:

**References:**

1. Small, D.M. and Matheson, N.K. Phosphomannomutase and phosphoglucomutase in developing *Cassia corymbosa* seeds. *Phytochemistry* 18 (1979) 1147-1150.

[EC 5.4.2.8 created 1981 as EC 2.7.5.7, transferred 1984 to EC 5.4.2.8]

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A handwritten note in black ink on a white background. The text "Man B" is written in a cursive, flowing script. The "M" is on the left, "an" is in the middle, and "B" is on the right. There is a horizontal line underneath the text.